**ASX: RXL** 



# Acquire, Explore, Develop The Rox Formula for Growth





**Mining 2017 Conference** 

29 August 2017

**Ian Mulholland - Managing Director** 



# **Corporate Information**



| Key Information            |          |  |  |  |  |
|----------------------------|----------|--|--|--|--|
| ASX Code:                  | RXL      |  |  |  |  |
| Share Price:               | A\$0.014 |  |  |  |  |
| Shares:                    | 1,244M   |  |  |  |  |
| Unlisted Options:          | 83.8M    |  |  |  |  |
| Market Cap:                | \$17.4M  |  |  |  |  |
| Cash (as at 30 June 2017): | \$13.9M  |  |  |  |  |
| EV:                        | \$3.5M   |  |  |  |  |
| Top 20:                    | 26%      |  |  |  |  |





#### Who is Rox?



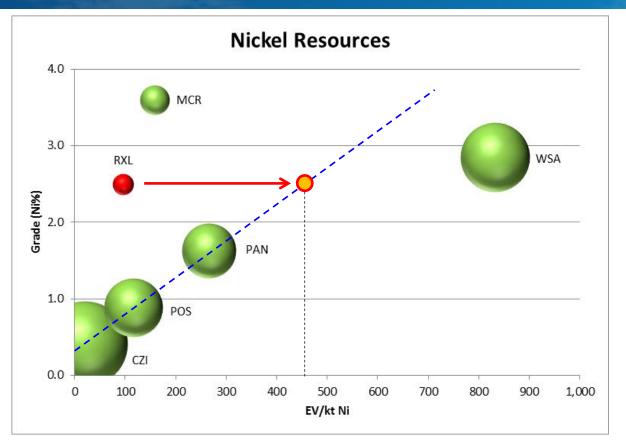
- An awarded Australian exploration company
- Strong Financial Position: Cash of ~\$14 million & receivables of ~\$4 million, no debt
- JORC Mineral Resources of Nickel and Gold
- Projects in Australia
- Committed management with "skin in the game"





# Spot the Opportunity





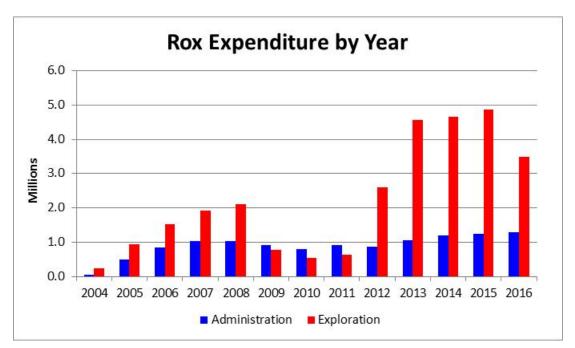
- Rox seems under-valued based on the size and grade of our nickel resources
- Cash is ~\$14m + ~\$4m in receivables

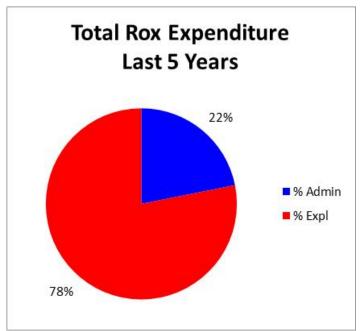
Bubble size relates to amount of contained nickel, based on data as of 4 May 2017

# Money in the Ground



- ◆ ~70% of funds into exploration since inception
- → ~80% of funds into exploration over the last 5 years (~\$20 million)





### Rox Growth Projects

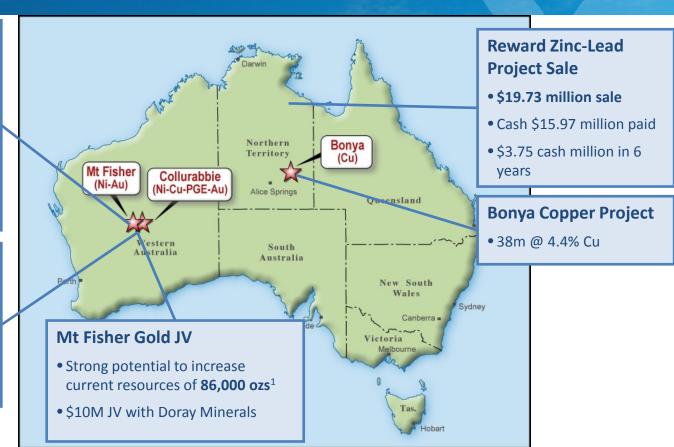


#### Fisher East Nickel Sulphide Project

- Resource of 50,000t (110 Mlb) of contained nickel, 2.0 Mt @ 2.5%
   Ni<sup>1</sup>
- Potential to increase resources
- High quality targets
- Cobalt potential

#### **Collurabbie Nickel-Gold Project**

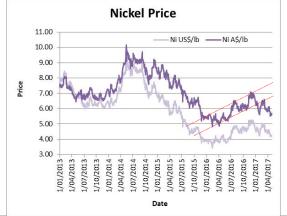
- 5.8m @ 3.0% Ni, 2.0% Cu, 5.3g/t PGE
- Under explored nickel-gold belt
- Cobalt potential



<sup>1</sup> See Appendix for Mineral Resource details

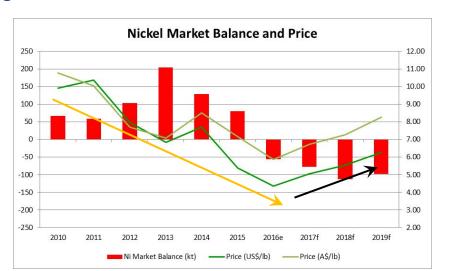
### Nickel Primed For Recovery?





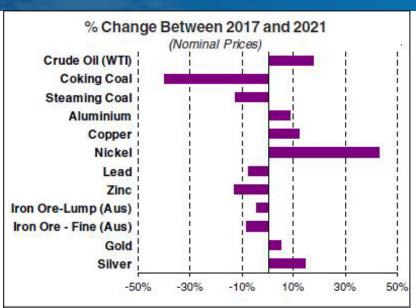


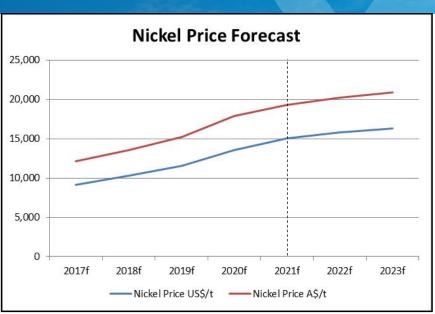
- Current uncertainty about nickel Indonesia, Philippines
- Spot price has risen from low a year ago
- Nickel supply predicted to go into deficit over next 4 years
- Chinese stainless steel production stronger than expected
- Significant extra demand for nickel in electric vehicles



### Nickel Price Projections\*





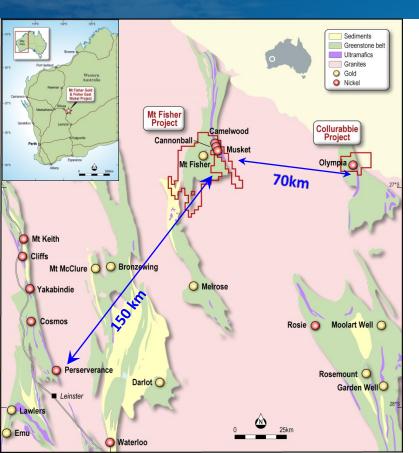


- Nickel is predicted to move the most of the base and precious metals over next 4 years
- Predicted to be ~US\$15,000/t (=US\$6.80/lb) by 2021 (4 years)- that's >A\$19,000/t (~A\$8.80/lb)

<sup>\*</sup> Hartleys Research 17 March 2017, SNL Research

# Nickel Projects





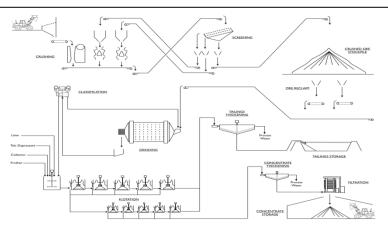
- Two nickel sulphide projects in WA's northern goldfields
- Fisher East is a new nickel province discovered in 2013 by Rox
- Collurabbie discovered in 2004 by WMC but relatively unexplored
- Fisher East and Collurabbie are just 70km apart
   project development synergies
- Mineral Resource\* of ~50,000 tonnes Ni metal
  @ 2.5% Ni at Fisher East
- Mineral Resource\* of ~13,500 tonnes Ni equivalent @ 2.3% at Collurabbie

<sup>\*</sup> See Appendix for Mineral Resource details

### **Development Studies**





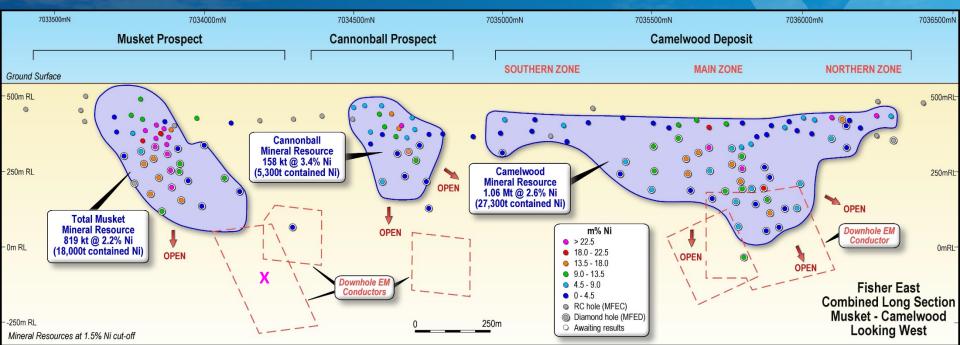


- Low technical risk project:
  - Toll milling truck ore to nearby plant (two plants within 200km)
  - Build a plant on site truck concentrate for sale
- Decline to underground mine ~100m depth to sulphides
- Standard underground mining techniques and costs (A\$130/t)
- Metallurgical recoveries, 80 − 99%, and saleable concentrate grades, 10 - 14% Ni, acceptable Fe:MgO ratios, low As (no penalties)
- Straight forward process flow sheet and logistics
- Increased resources will increase mine life and project value

#### Fisher East Nickel



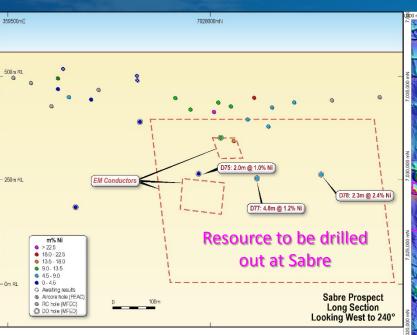
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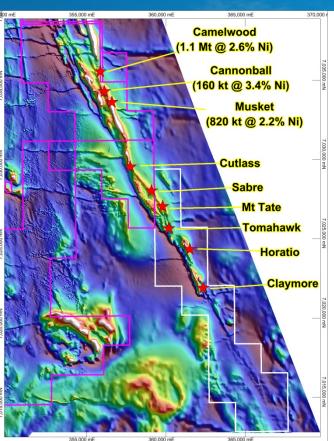


- Four deposits discovered so far, Musket, Cannonball, Camelwood & Sabre
- Total Mineral Resource\* on three deposits of 2.0 Mt @ 2.5% Ni, for 50,000 tonnes Ni metal

# **Exploration Targets**





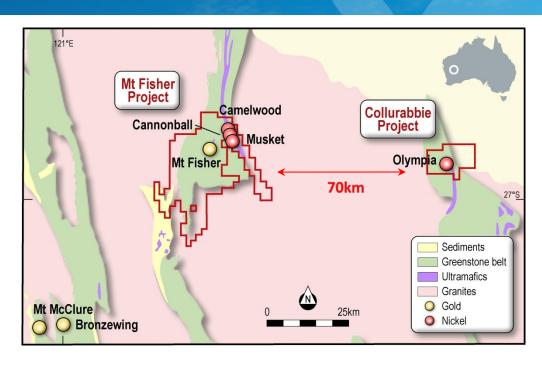


- Fresh sulphides in aircore at Mt Tate
- Resource to be drilled out at Sabre
- Exploration ongoing on multiple targets along 25km of strike
- Looking to double total resource base

# Collurabbie Acquisition

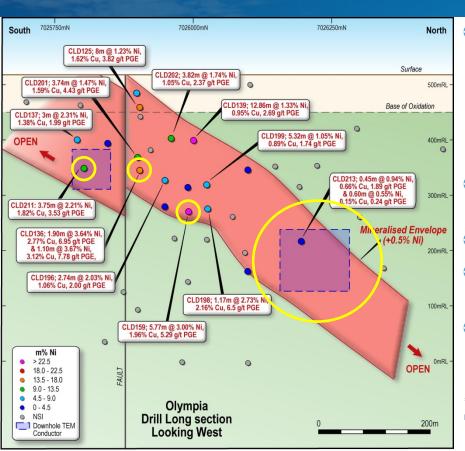


- ◆ 123km² of prospective tenure
- Main discovery at Olympia deposit
- Widespread Ni-Cu-PGE mineralisation over ~15km strike length on multiple stratigraphic horizons
- Drill targets for Ni-Cu-PGE
- Drill targets for Gold
- Quality datasets of drilling and extensive geophysics
- Underdone previous exploration
- Cheap\* counter-cyclical quality acquisition

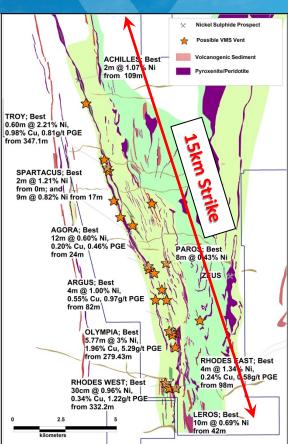


### **Exploration Potential**





- Olympia Mineral
  Resource of 573,000
  tonnes @ 1.6% Ni,
  1.2% Cu, 0.08% Co
  and 2.3 g/t Pt+Pd,
  2.3% NiEq\*
  - High grade drill intercepts
- Open at depth
- Exploration potential over 15km of strike
- Aircore drilling planned

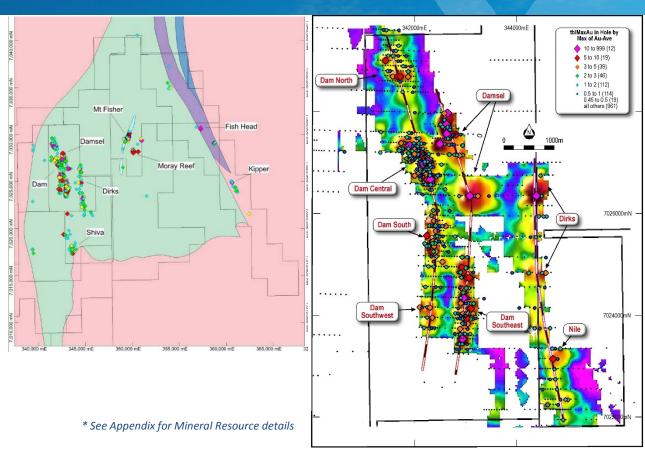


<sup>\*</sup> See ASX:RXL 18 August 2017 for resource details

#### **Attractive Gold Potential**



- JORC Mineral Resource of 86,000 ounces\* on Rox's ground
- Large scale gold-in-regolith anomaly along complex western shear zone (Damsel-Dam-Shiva) – 10km long
- Number of strong gold targets at intersections of shear zone and cross-cutting faults and shears
- Further work planned



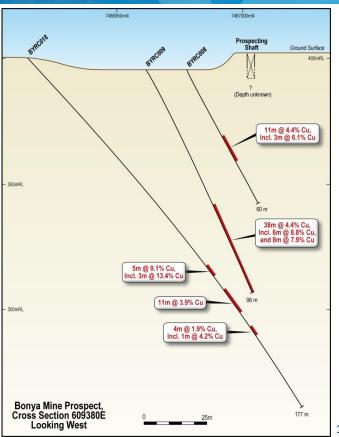
### Bonya Copper Project







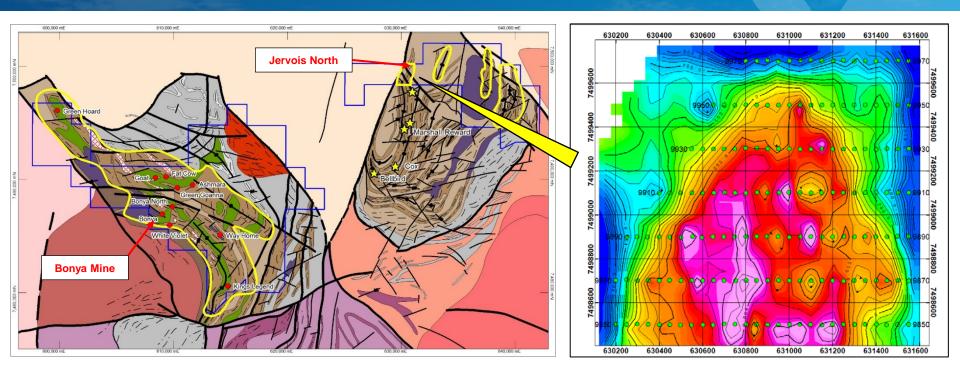
- High grade copper sulphides at the Bonya prospect
- **3** 11m @ 4.4% Cu, incl. 3m @ 6.1% Cu
- 38m @ 4.4% Cu, incl. 6m @ 8.8% Cu and 8m @ 7.9% Cu
- 5m @ 9.1% Cu, incl. 3m @ 13.4% Cu and 11m @ 3.9% Cu
- Open at depth
- Numerous untested prospects



Rox 51%, Arafura 49%

# Jervois North





- Ground Gravity survey shows Jervois mineralized trend continues into Rox JV ground
- Strong drilling target

# Value Proposition



- **≥ ~\$19** million in cash and receivables
- Outstanding gold and nickel assets located in WA, the world's #1 jurisdiction<sup>1</sup>
- Looking to double Ni resources to >100,000 tonnes contained nickel
- Studies demonstrate a technically robust project at Fisher East
- Focus on growing shareholder wealth by acquiring, exploring, and developing projects
- Search for additional projects underway

# Project Search



- Looking for projects in Gold, Silver, Copper, or Zinc
- Australia preferred, but also any jurisdiction with secure Mining laws and especially security and continuity of title
- Advanced exploration (i.e. mineral resource defined, or close to) through to feasibility/production stage (not grass roots)
- Please come and talk to me at our booth, or contact me later



# The End

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#### **Competent Person Statements**

#### Resource Statements

The information in this report that relates to nickel Mineral Resources for the Olympia deposit was reported to the ASX on 18 August 2017 (JORC 2012). Rox confirms that it is not aware of any new information or data that materially affects the information included in the announcement of 18 August 2017, and that all material assumptions and technical parameters underpinning the estimates in the announcement of 18 August 2017 continue to apply and have not materially changed.

The information in this report that relates to nickel Mineral Resources for the Fisher East project was reported to the ASX on 5 February 2016 (IORC 2012). Rox confirms that it is not aware of any new information or data that materially affects the information included in the announcement of 5 February 2016, and that all material assumptions and technical parameters underpinning the estimates in the announcement of 5 February 2016 continue to apply and have not materially changed.

The information in this report that relates to gold Mineral Resources for the Mt Fisher project was reported to the ASX on 10 February 2012 (IORC 2004). Rox confirms that it is not aware of any new information or data that materially affects the information included in the announcement of 10 February 2012, and that all material assumptions and technical parameters underpinning the estimates in the announcement of 10 February 2012 continue to apply and have not materially changed.

#### **Exploration Results**

Exploration Results herein are based on information compiled and released to the ASX as follows:

Fisher East (ASX:RXL Between 1 December 2012 and the present)

Collurabbie (ASX:FCN 17 August 2004, 10 November 2004, 3 December 2004, 8 March 2005, 5 July 2010, and 8 July 2011).

In the case of the Exploration Results and Mineral Resources reported under the 2004 JORC Code, they have not been updated to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.

#### Appendix – Mineral Resources



#### Fisher East Nickel, ASX:RXL 5 February 2016

#### Mt Fisher Gold, ASX:RXL 10 February 2012

| Deposit    | Category  | Tonnes (Mt) | Ni%  | Ni (kt) |
|------------|-----------|-------------|------|---------|
| Camelwood  | Indicated | 0.99        | 2.56 | 25.3    |
|            | Inferred  | 0.08        | 2.52 | 2.0     |
|            | Total     | 1.06        | 2.56 | 27.3    |
| Cannonball | Indicated | 0.15        | 3.43 | 5.1     |
|            | Inferred  | 0.01        | 2.41 | 0.2     |
|            | Total     | 0.16        | 3.38 | 5.3     |
| Musket     | Indicated | 0.79        | 2.21 | 17.4    |
|            | Inferred  | 0.03        | 1.94 | 0.7     |
|            | Total     | 0.82        | 2.20 | 18.0    |
| TOTAL      | Indicated | 1.92        | 2.49 | 47.8    |
|            | Inferred  | 0.12        | 2.35 | 2.9     |
|            | Total     | 2.04        | 2.48 | 50.6    |

#### Olympia Nickel-Copper-PGE, ASX:RXL 18 August 2017

| Tonnes  | Ni % | Cu % | Co ppm | Pd ppm | Pt ppm | NiEq %* | NiEq (kt) | Pd+Pt<br>(oz) |
|---------|------|------|--------|--------|--------|---------|-----------|---------------|
| 573,000 | 1.63 | 1.19 | 820    | 1.49   | 0.85   | 2.36    | 13.5      | 42,971        |

\*NiEq = (Ni grade x Ni price x Ni recovery + Cu grade x Cu price x Cu recovery) / (Ni price x Ni recovery)
Where Ni price = US\$10,300/t, Ni recovery = 85% (assumed), Cu price = US\$6,322/t, Cu recovery = 85% (assumed)

| Wit Fisher Gold, ASA: RAL 10 February 2012 |           |         |                  |                |                  |                |                  |
|--|-----------|---------|------------------|----------------|------------------|----------------|------------------|
| Deposit                                    | Category  | Tonnes  | Uncut            |                | Cut              |                |                  |
|  |           |         | Grade<br>(g/tAu) | Metal<br>(Ozs) | Grade<br>(g/tAu) | Metal<br>(Ozs) | Value<br>(g/tAu) |
| Moray Reef                                 | Measured  | 25,700  | 10.84            | 8,957          | 7.96             | 6,577          | 80               |
|  | Indicated | 4,900   | 6.09             | 959            | 5.95             | 937            | 80               |
|  | Inferred  | 1,200   | 3.87             | 149            | 3.87             | 149            | 80               |
|  | TOTAL     | 31,800  | 9.85             | 10,066         | 7.50             | 7,664          | 80               |
|  |           |         |                  |                |                  |                |                  |
| Mt Fisher                                  | Measured  | 119,600 | 3.72             | 14,304         | 3.60             | 13,843         | 50               |
|  | Indicated | 56,700  | 3.62             | 6,599          | 3.62             | 6,599          | 50               |
|  | Inferred  | 38,900  | 3.44             | 4,302          | 3.41             | 4,265          | 50               |
|  | TOTAL     | 215,200 | 3.64             | 25,206         | 3.57             | 24,707         | 50               |
|  |           |         |                  |                |                  |                |                  |
| Damsel                                     | Measured  | 26,600  | 2.91             | 2,489          | 2.68             | 2,292          | 30               |
|  | Indicated | 143,300 | 2.47             | 11,380         | 2.39             | 11,011         | 30               |
|  | Inferred  | 556,100 | 2.34             | 41,837         | 2.26             | 40,407         | 30               |
|  | TOTAL     | 726,000 | 2.39             | 55,705         | 2.30             | 53,710         | 30               |
|  |           |         |                  |                |                  |                |                  |
| TOTAL                                      | Measured  | 171,900 | 4.66             | 25,750         | 4.11             | 22,712         |                  |
|  | Indicated | 204,900 | 2.87             | 18,938         | 2.82             | 18,548         |                  |
|  | Inferred  | 596,200 | 2.41             | 46,288         | 2.34             | 44,821         |                  |
|  | TOTAL     | 973,000 | 2.91             | 90,976         | 2.75             | 86,080         |                  |
|  |           |         |                  |                |                  |                |                  |

Fisher East: 1.5% Ni block cut-off grade. Values may not sum due to rounding. JORC 2012 Mt Fisher: 0.8 g/tAu block cut-off grade. Values may not sum due to rounding. JORC 2004 Olympia: 1.0% Ni block cut-off grade. Values may not sum due to rounding. JORC 2012